

Claims

1. A device (1) for inserting implants (10) in the form of cylinders of small diameter, comprising gripping means (2), a trocar (3) fixed at its proximal end (4) to the gripping means (2), and a push rod (5) mounted so as to slide through the trocar (3) and the gripping means (2),
5 characterized in that the gripping means (2) include a rotary element (6) defining an axis of rotation (7) parallel to the trocar axis (8) and comprising a plurality of tubular elements (9) arranged around said axis of rotation (7) and mounted so as to be able to be aligned successively with the trocar (3), said rotary element (6) forming an integral part of the gripping means (2) and extending along most of the length of said gripping means, each tubular element (9) being designed to contain at least one implant.
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2. The device as claimed in claim 1, characterized in that each tubular element (9) forms a part distinct from the rest of the rotary element (6).
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3. The device as claimed in claim 2, characterized in that each tubular element (9) can be inserted into the rotary element (6).
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4. The device as claimed in claim 2 or 3, characterized in that it comprises means (12, 13) which prevent withdrawal of the tubular elements (9) from the rotary element (6).
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5. The device as claimed in any one of the preceding claims, characterized in that it comprises means for viewing the passage of the implants which are

located in the tubular element (9) aligned with the trocar (3).

6. The device as claimed in the preceding claim,
5 characterized in that the means for viewing the
passage of the implants comprise a window (14).
7. The device as claimed in any one of the preceding
claims, characterized in that the gripping means
10 (2) have a flattened section (15).
8. The device as claimed in any one of the preceding
claims, characterized in that the rotary element
15 (6) comprises a knurled wheel (16).
9. The device as claimed in any one of the preceding
claims, characterized in that each tubular element
(9) includes means (11) for retaining the implants
(10) when the device (1) is at rest.
10. The device as claimed in the preceding claim,
20 characterized in that the means for retaining the
implants are composed of a flexible tongue (11)
arranged inside the tubular elements (9).
11. The device as claimed in any one of the preceding
claims, characterized in that it comprises means
25 which retain the rotary element (6) and prevent
withdrawal of the rotary element (6) once the
latter has been placed in the gripping means (2).